

FIGURE 1A

NUCLEOTIDE SEQUENCE OF NS2/3 (810-1206) ST (SEQ ID. No. 1)

atggaccggg agatggctgc atcgtgcgga ggcgcggttt tcataggtct tgcactcttg
accttggtcac catactataa agtgcctctc gctaggctca tatgggtggtt acagtattta
atcaccagag tcgaggcgca cttgcaagtg tggatcccc ctctcaatgt tcggggaggc
cgcgatgcc tcatcctcct cacgtgcgca gtccaccag agctaattct tgacatcacc
aaactcctgctcgccatattcggtccgctcatgggtgctccaggcaggcataaccaaagtgcggtac
ttcgtgcgtg cgcaggggct cattcgtgcg tgtatgttgg tgcggaaggc tgcggggggt
cattatgtcc aatggcctt catgaagcta gctgcgctga caggtacgta cgtttatgac
catctcactc cattgcagga ttggggccac gcgggcctac gagacctgc agtggcggtg
gagcccgta tcttctctga catggaggtc aagatcatca cctggggggc ggacaccgcg
gcatgcgggg acatcatttc aggtctgccc gtctccgctc gaaggggaag ggagatactc
ctgggaccgg ccgataattt tgaagggcag ggggtggcgac tccttgcgcc catcacggcc
tactcccaac agacacgggg cctacttggt tgcacatca ccagcctcac aggcggggac
aagaaccagg tcgaggggga ggttcaagtg gtctccaccg ctacacaatc tttcctggcg
acctgcgtca acggcggtg ttggactgtc ttccatggcg ccgggtcaaa gaccttggcc
ggcccaaaag gcccaatcac ccagatgtac actaatgtgg accaggacct cgtcggtggtg
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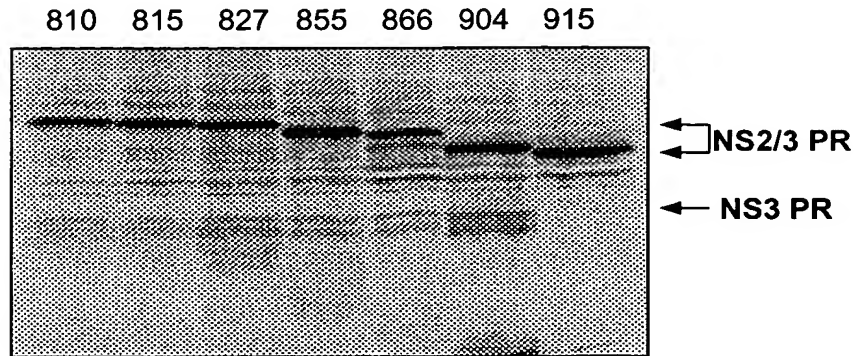
FIGURE 1B

AMINO ACID SEQUENCE OF NS2/3 (810-1206)-st (SEQ ID NO. 2)

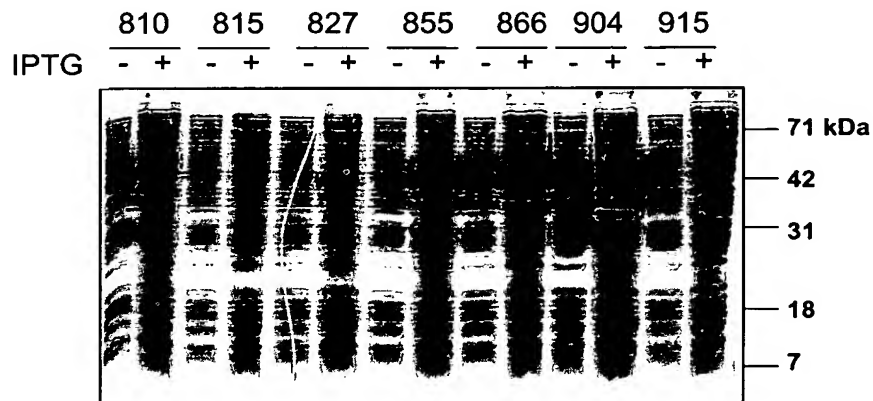
MDREMAASCG GAVFIGLALL TLSPYKVL ARLIWWLQYL ITRVEAHLQV WIPPLNVRGG RDAIILLTCA
VHPELIFDIT KLLLAIFGPL MVLQAGITKV PYFVRAQGLI RACMLVRKAA GGHYVQMAFM KLAALTGTYY
YDHLTPLQDW AHAGLRDLAV AVEPVIFSDM EVKIITWGAD TAACGDIISG LPVSARRGRE ILLGPADNFE
GQGWRLAPI TAYSQQTRGL LGCIITSLTG RDKNQVEGEV QVVSTATQSF LATCVNGVCW TVFHGAGSKT
LAGPKGPITQ MYTNVDQLV GWQAPPGARS MTPCTCGSSD LYLVRHADV IPVRRRGDSR GSLLSPRPVS
YLGSSGGPL LCPSGHAVGI FRAAVCTRGV AKAVDFIPVE SMETTMRTSS AWRHPQFGG

FIGURE 2

A. *in vitro* translated N-terminal deletion mutants



B. *E. coli* expression - SDS-PAGE



C. *E. coli* expression - Immunoblot with anti-NS3

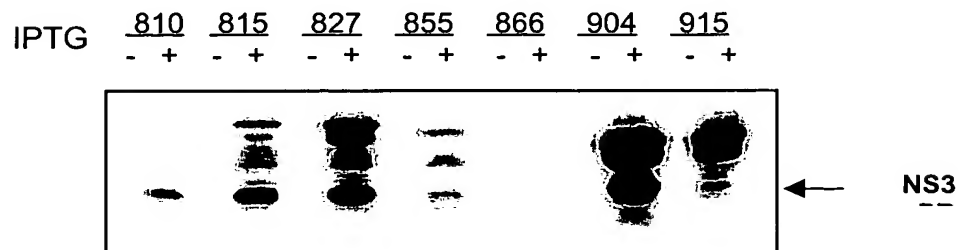
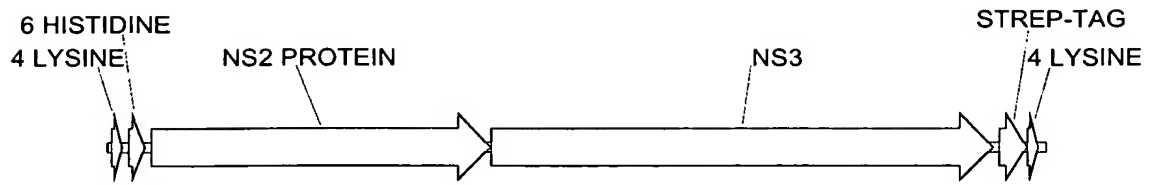


FIGURE 3



4k 6H NS2/3(904-1206)-ST-4K

FIGURE 4

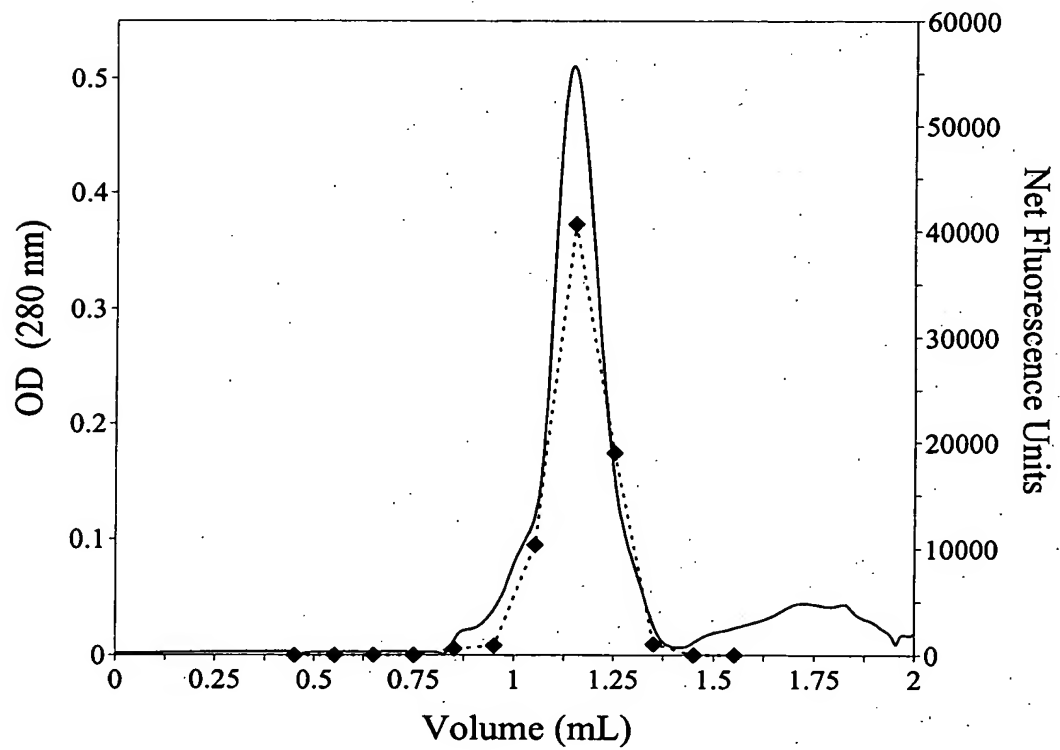


FIGURE 5

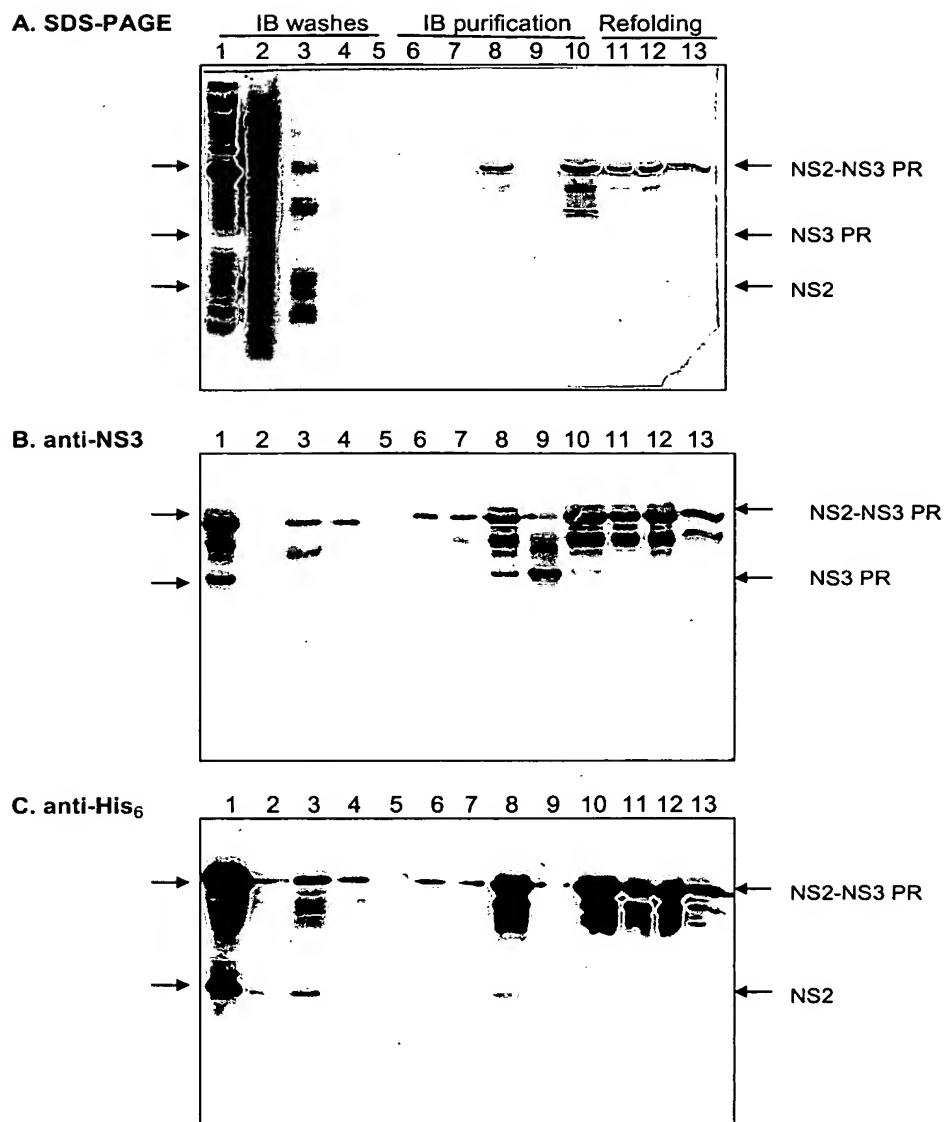


FIGURE 6

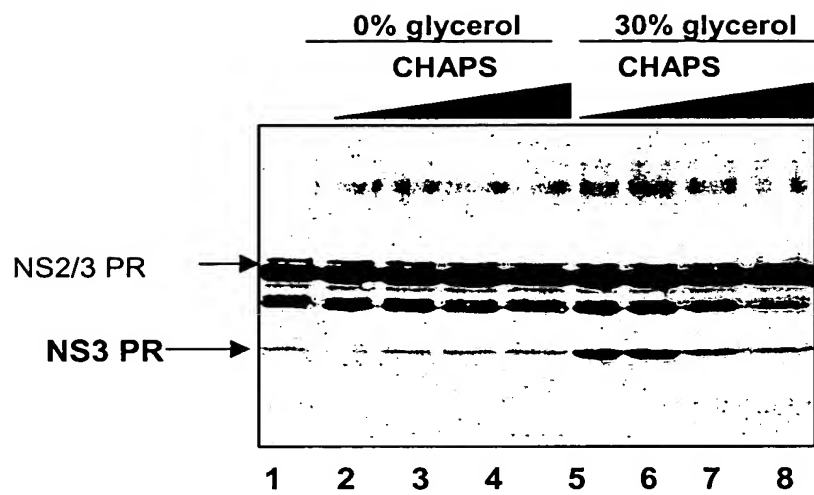


FIGURE 7

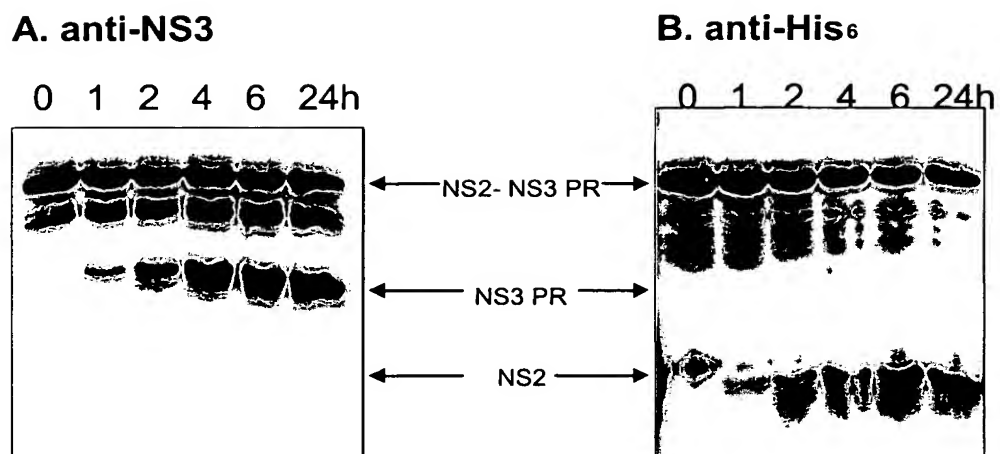


FIGURE 8

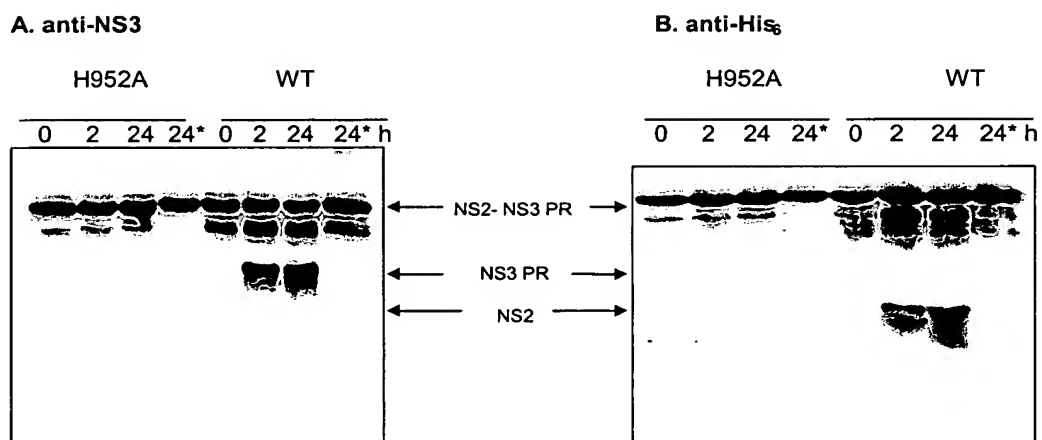


FIGURE 9A

NUCLEOTIDE SEQUENCE OF 4K-6H-NS2/3 (904-1206) ST-4K

(SEQ ID NO. 3)

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atgaaaaaga aaaagctcga gcatcaccat caccatcaca ctagtgcagg cataaccaaa
gtgccgtact tcgtgcgtgc gcaggggctc attcgtgcgt gtatgttggt gcggaaggct
gcgggggggtc attatgtcca aatggccttc atgaagctag ctgcgctgac aggtacgtac
gtttatgacc atctcactcc attgcaggat tggggccacg cgggcctacg agaccttgca
gtggcggtag agcccgtcat cttctctgac atggagggtca agatcatcac ctggggggcg
gacaccgcgg catgcgggga catcatttca ggtctgcccg tctccgctcg aaggggaagg
gagatactcc tgggaccggc cgataatttt gaagggcagg ggtggcgact ccttgcgccc
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gttgcaaaag cggtggactt catacctgtt gagtctatgg aaactaccat gcggactagt
agcgcttggc gtcaccgcga gttcggtggt aaaaagaaaa agtaaggatc c

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FIGURE 9B

AMINO ACID SEQUENCE OF 4K-6H-NS2/3 (904-1206) ST-4K

(SEQ ID NO. 4)

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MKKKKLEHHH HHHTSAGITK VPYFVRAQGL IRACMLVRKA AGGHYVQMAF MKLAALTGTY    60
VYDHLTPLQD WAHAGLRDLA VAVEPVIFSD MEVKIITWGA DTAACGDIIS GLPVSARRGR   120
EILLGPADNF EGQGWRL LAP ITAYSQQTRG LLGCIITSLT GRDKNQVEGE VQVVSTATQS   180
FLATCVNGVC WTVFHGAGSK TLAGPKGPIT QMYTNVDQDL VGWQAPPGAR SMTPCTCGSS   240
DLYLVTRHAD VIPVRRRGDS RGSLLSPRPV SYLKSSGGP LLCPSGHAVG IFRAAVCTRG   300
VAKAVDFIPV ESMETTMRTS SAWRHPQFGG KKKK                                337

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FIGURE 10

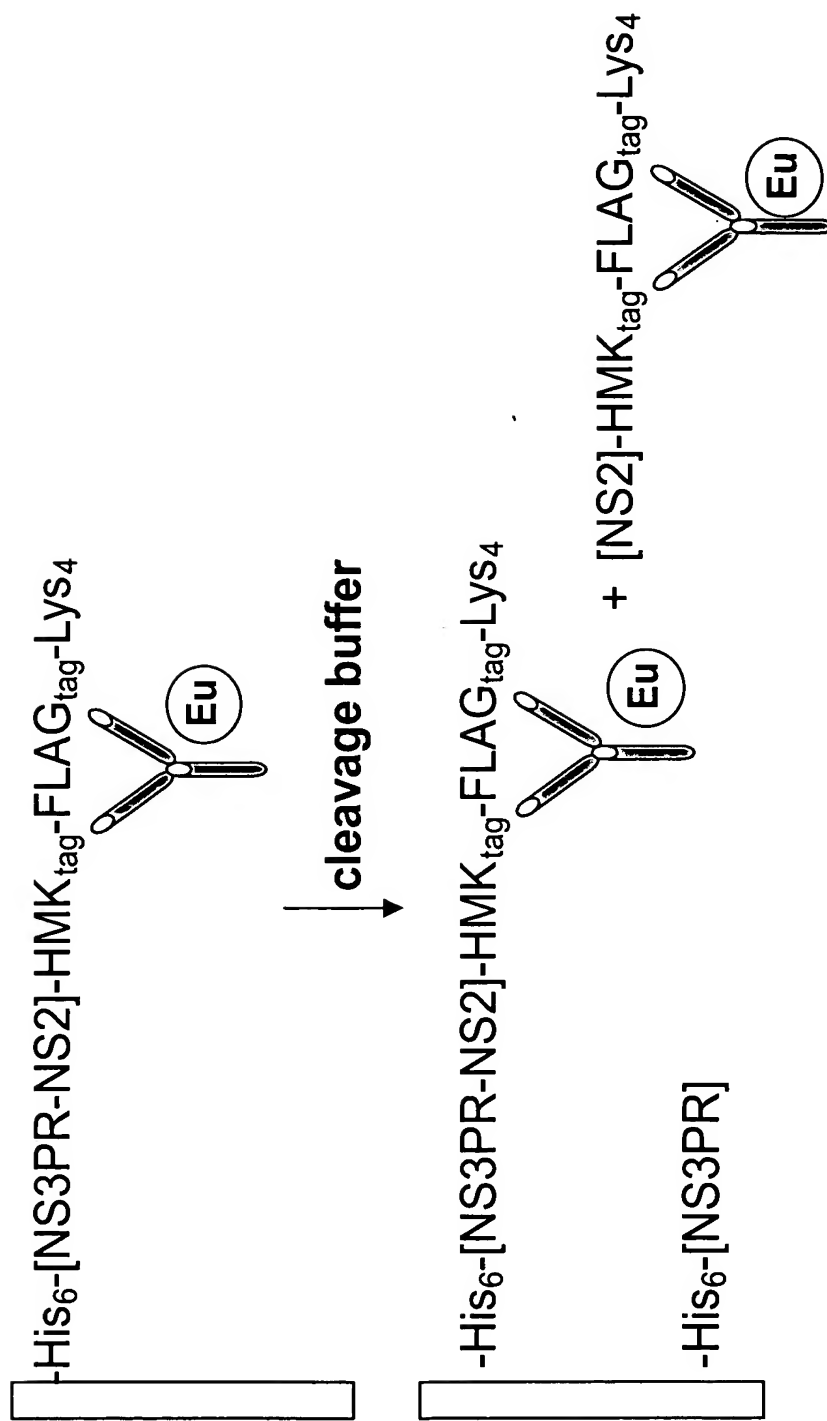


FIGURE 11

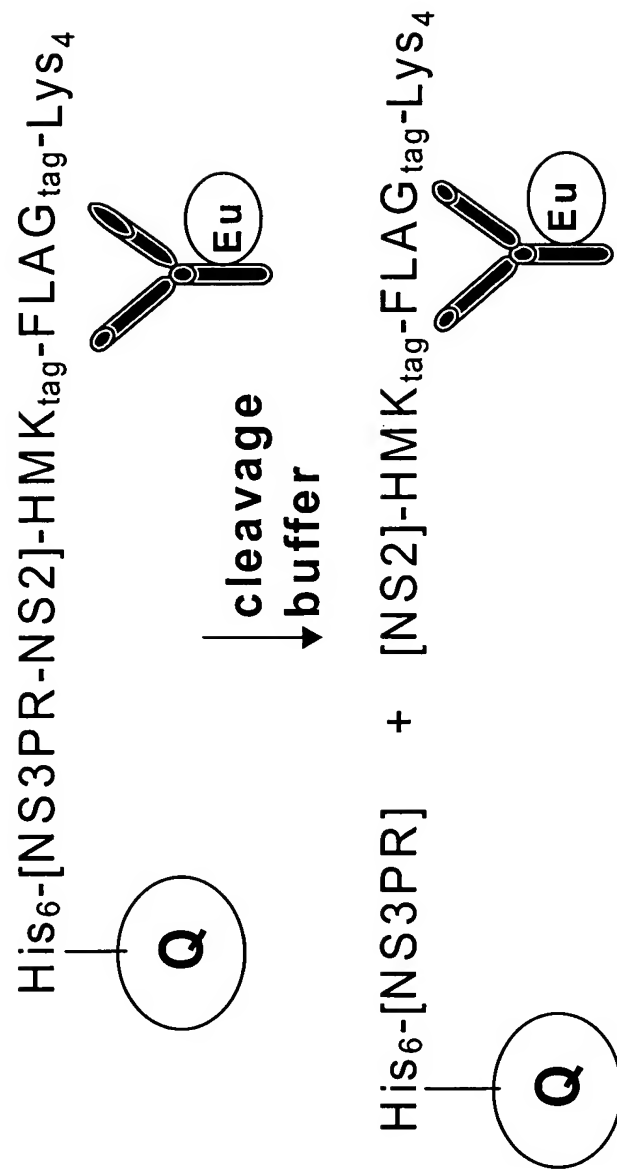


FIGURE 12

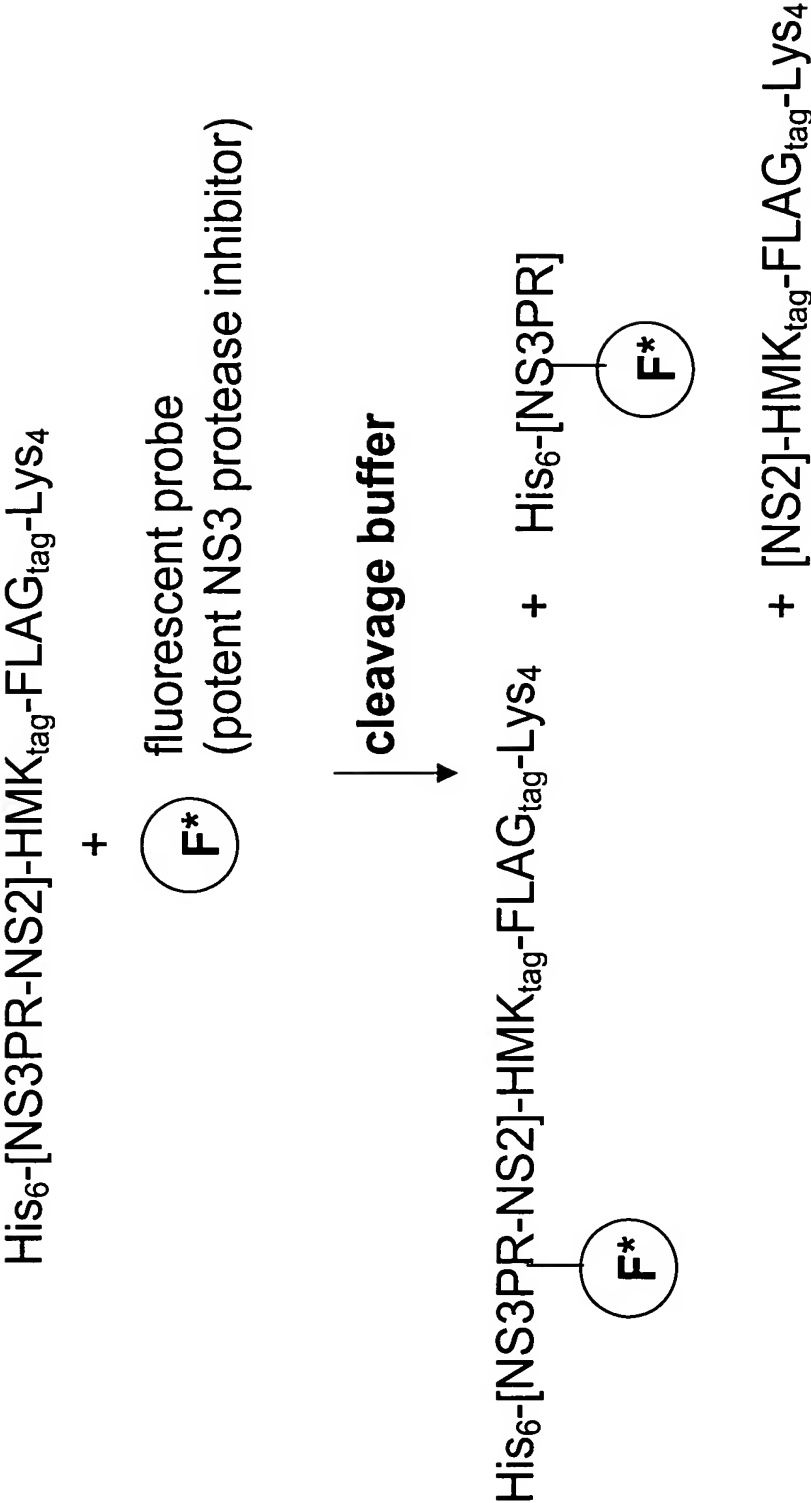


FIGURE 13

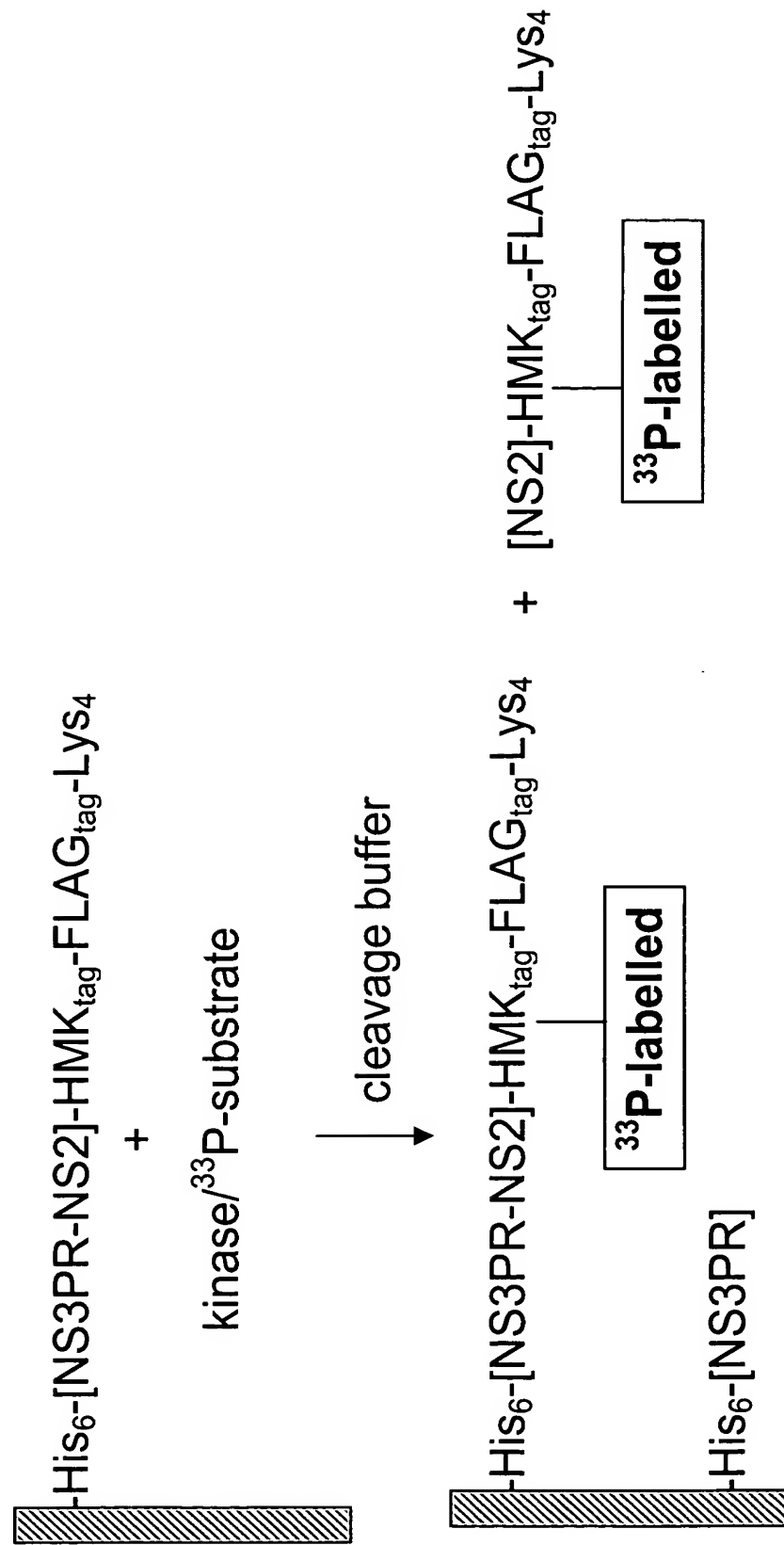


FIGURE 14

